NEW MEXICO OIL CONSERVATION COMMSSION

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 9-1-65

Type Test: [X] Initial [ ] Annual [X] Special			Test Date: 4-6-83	
Company: Amoco Production Company		Connection: Northwest Pipeline Corporation		
Pool: Otero		Formation: Chacra		Unit
Completion Date: 3-1-83	Total Depth: 5461	Plug Back TD: 5037	Elevation: 6574 GL	Farm or Lease Name: Jicarilla Contract 146
Csg. Size: 5.500 / Wt.: 15.5 / d: 4.950 / Set At: 5461		Perforations: From 3786 To 3816		Well No.: 34
Tbg. Size: 1.660 / Wt.: 2.33 / d: 1.380 / Set At: 3799		Perforations: From Orange Peel Perf Sub		Unit: B / Sec.: 3 / Twp.: 25 / Rge.: 5
Type Well – Single – Bradenhead – G.G. or G.O. Multiple: Dual		Packer Set At: 3900		County: Rio Arriba
Producing Thru: Tubing	Reservoir Temp. °F:	Mean Annual Temp. °F:	Baro. Press. – P_a:	State: New Mexico

L	H	Gg	% CO_2	% N_2	% H_2S	Prover	Meter Run	Taps

	FLOW DATA				TUBING DATA		CASING DATA		
NO.	Prover Line Size X Orifice Size	Press. p.s.i.g.	Diff. h_w	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F	Duration of Flow
SI	7 Days				748		748		
1.					59		375		3 hrs
2.									
3.									
4.									
5.									

RATE OF FLOW CALCULATIONS

NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P_m	Flow Temp. Factor Ft.	Gravity Factor Fg	Super Compress. Factor, Fpv	Rate of Flow Q, Mcfd
1	12.365		71	1.000	.9258	1.006	818
2.							
3.							
4.							
5.							

NO.	P_t	Temp. °R	T_r	Z
1.				
2.				
3.				
4.				
5.				

Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.
Specific Gravity Separator Gas _____ XXXXXXXXXX
Specific Gravity Flowing Fluid XXXXX _____
Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
Critical Temperature _____ R _____ R

P_c 760 P_c^2 577600

NO	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1		387	149769	427831
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.3501$

(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1.2525$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1025$

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OIL CON. DIV.
DIST. 3

Absolute Open Flow 1025 Mcfd @ 15.025 Angle of Slope θ _____ Slope, n .75

Remarks: _____

Approved By Commission:	Conducted By:	Calculated By:	Checked By:
	J. J. Barnett	J. J. Barnett	